



What Access360 Is All About

Employees

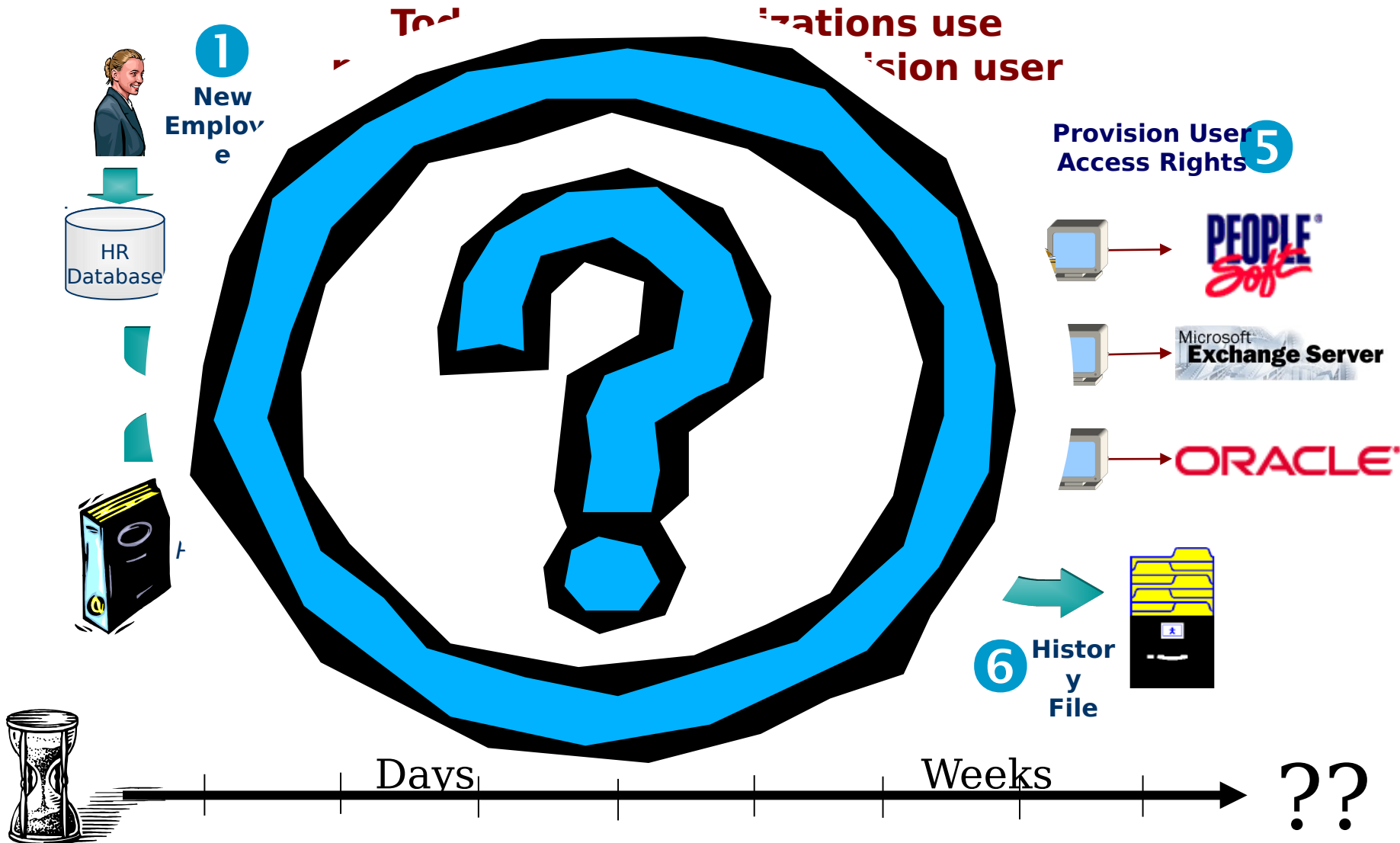


Partners/Affiliates

Enterprise Resources



The Resource Provisioning



Access360 Mission

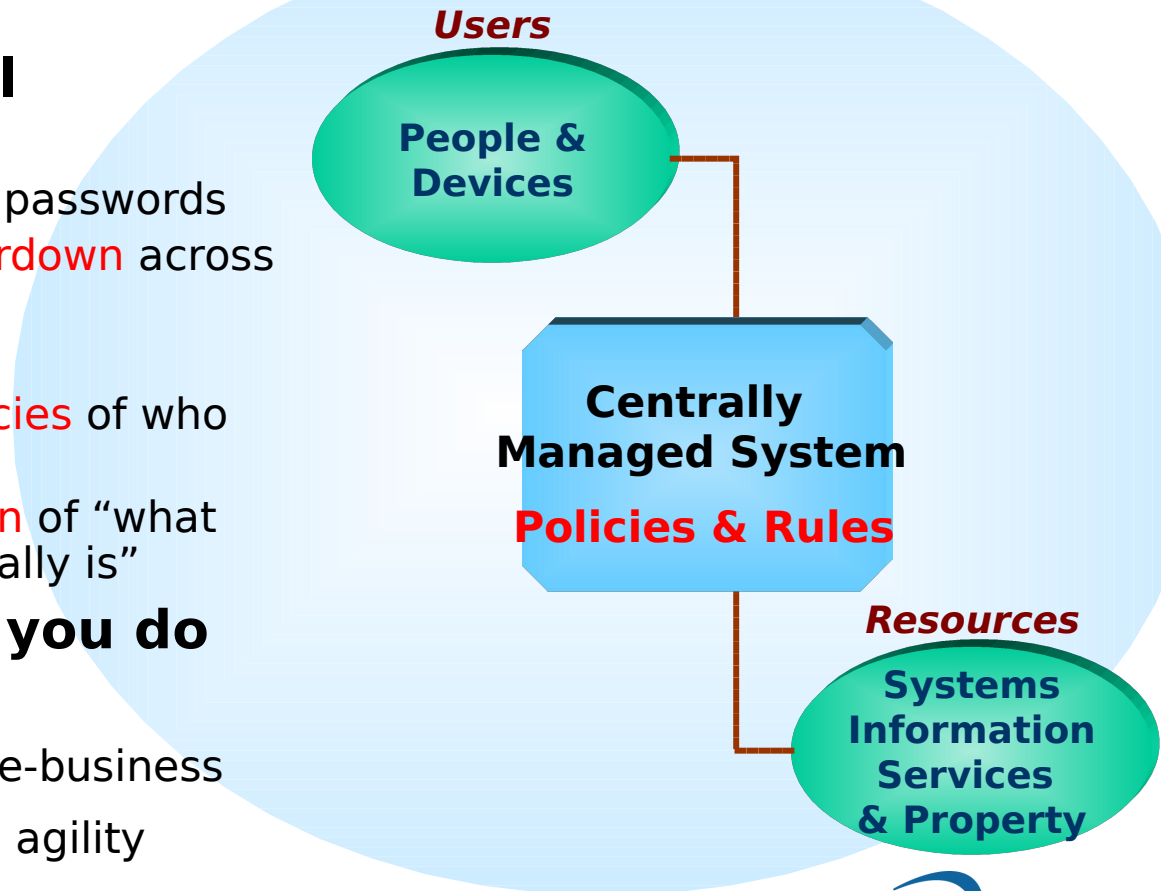
Provisioning = managing who gets what.

It *automates* manual processes...

- Defining permissions & passwords
- User account **setup/teardown** across **multiple disparate systems**
- Enforcing **Business policies** of who gets what
- **Audits and reconciliation** of “what should be” vs. “what really is”

It improves the way you do business...

- The infrastructure for e-business
- Greater efficiency and agility
- **Much tighter security**



Recent Government Findings – **ACCESS CONTROL**

GAO Report T-AIMD-00-314, Dated September 12, 2000

“Out of the 24 agencies evaluated 24 were found to have significant weaknesses in the areas of access controls”

- **Number “1” Access Control Issue:**

- **Active accounts and passwords for individuals no longer associated with the agency.**

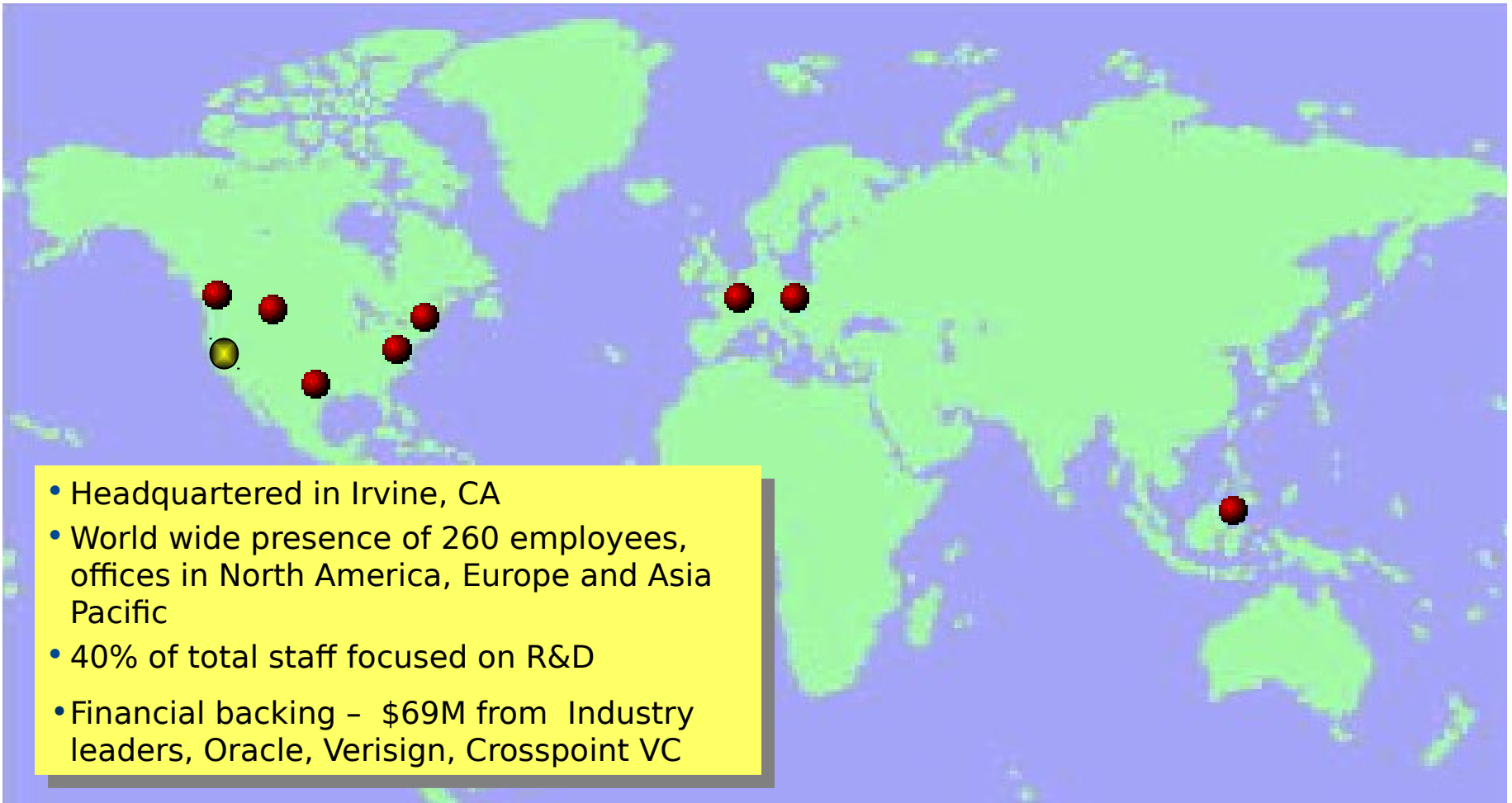
Example: “At one agency former employees and contractors could and in many cases did still read, modify, copy, or delete data. At this same agency, even after 160 days of inactivity **7500 out of 30,000 users’ accounts had not been deactivated.**”

- **GAO Summary:**

“ Access authorizations and related controls must be maintained centrally and adjusted on an ongoing basis to accommodate new and terminated employees and changes in users’ responsibilities and related access needs”

THESE ARE THE PROBLEMS THAT WE SOLVE.

Access360's Global Organization





**Product
Architecture**

Access Management

Authorization
What are you allowed to do?

**Before
authorization**



...

**Before
authentication**

Authentication
Are you who you say you are?



Enter

**Account
Management**

Topics To Cover

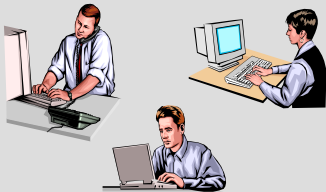
- **Architecture**
- **Enterprise Server**
- **Agents**
- **Interface**
- **A complete flow**

Topics To Cover

- **Architecture**
- Enterprise Server
- Agents
- Interface
- A complete flow

Architecture

Identity Stores



- HR Systems
- Directory Systems
- Procurement Systems

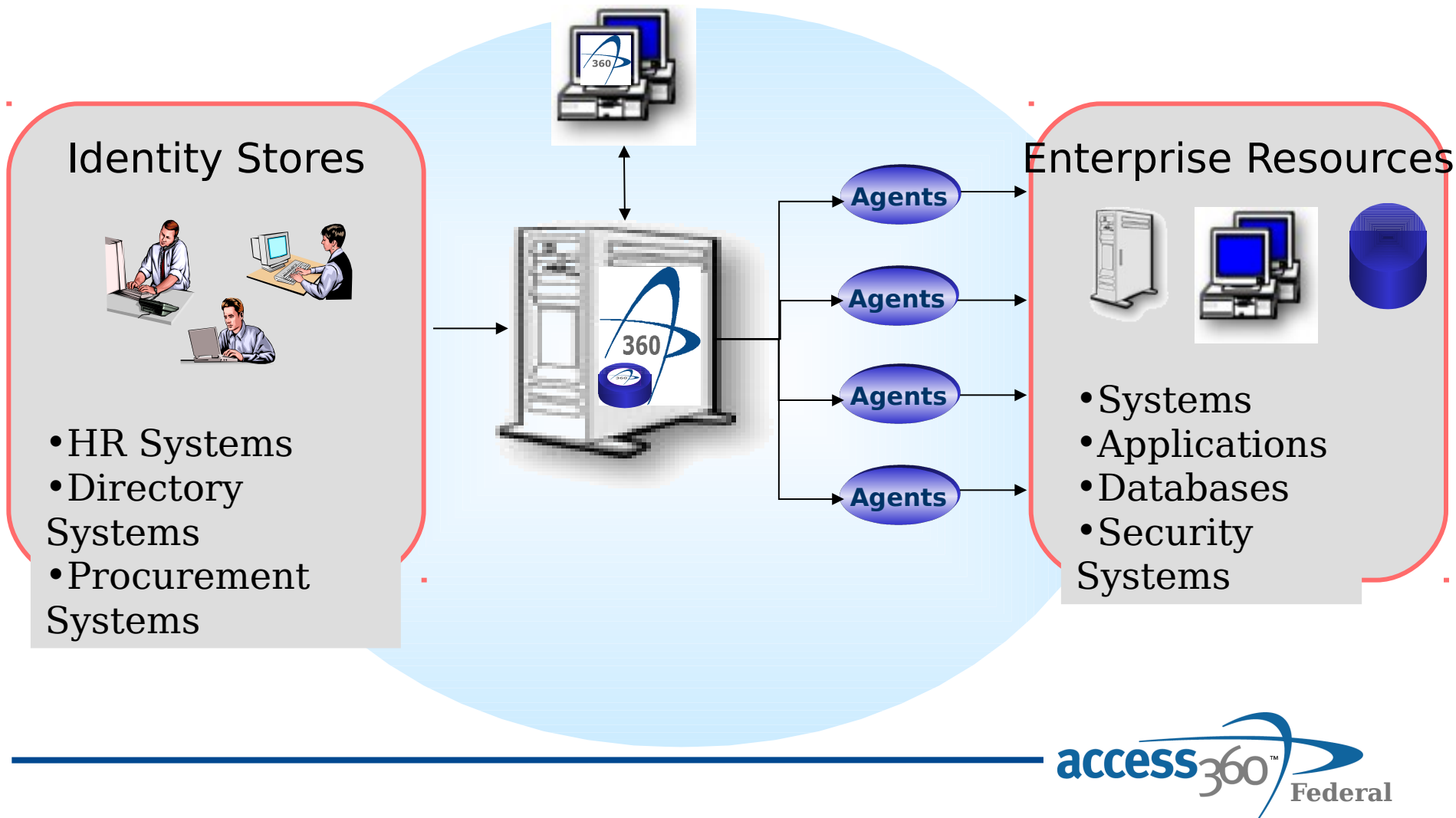
Who has access?
Why do they have access?
How do I get access?

Enterprise Resources



- Systems
- Applications
- Databases
- Security Systems

Architecture: Piece by Piece

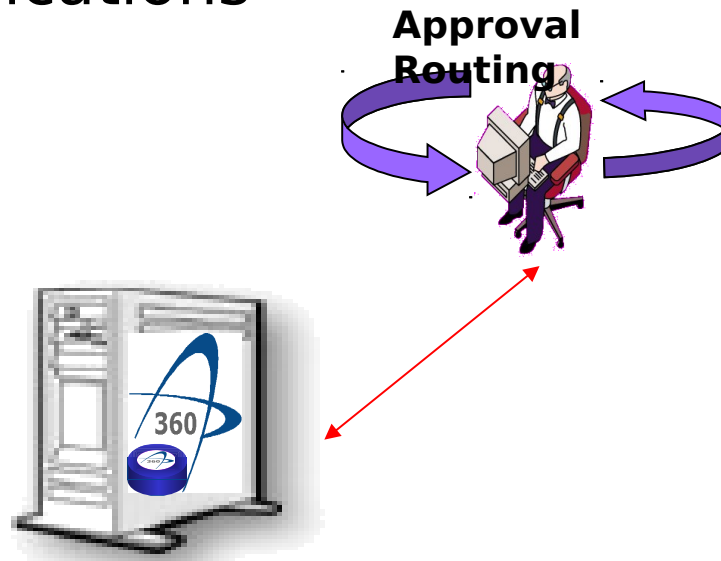


Topics To Cover

- Architecture
- **Enterprise Server**
- Agents
- Interface
- A complete flow

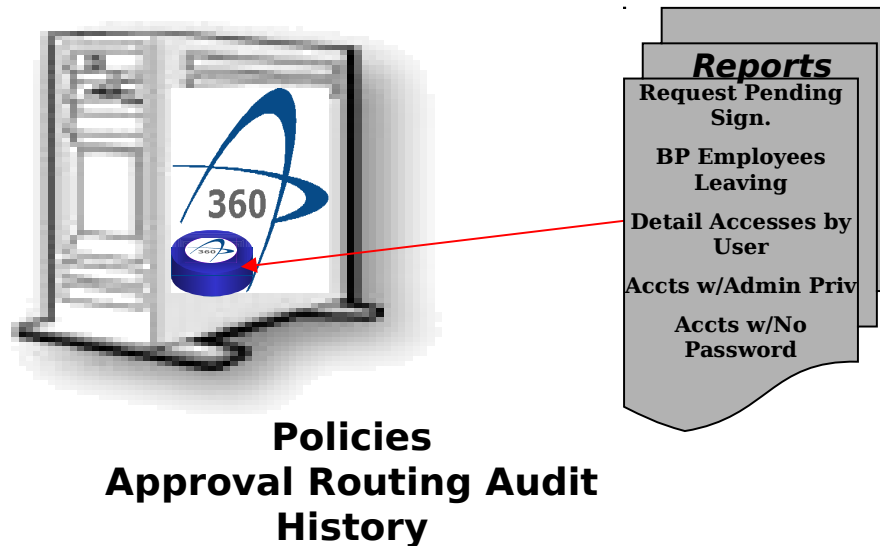
Enterprise Server

- **Manages all the approval routing**
 - Sequential approvers
 - Group approvers
 - Email Notifications



Enterprise Server

- **Maintains an audit trail**
 - Records all user activity
 - Complete Approval Routing auditing



Access360 Reports Generator

- **Over 30 standardized reports, including:**
 - **Active Accounts Without Ownership**
 - **Unaccessed Accounts**
 - **Access Details by User Name**
 - **Business Partner Employee Leaving**
- **Ability to create customized reports**
- **Utilizes Seagate's Crystal Reports**

The image displays three screenshots of the Access360 Reports Generator interface, each showing a different report type. The top screenshot is titled "Access Details by User Name" and shows a table with columns: Record No, Name, Login ID, Access Name, Type, Status, Initial Date, and Last Date. The middle screenshot is titled "Unaccessed Accounts" and shows a table with columns: Record No, Last Accessed, Login Name, Name, Initial Date, Suspended Date, and To Delete Date. The bottom screenshot is titled "Business Partner Employee Leaving" and shows a table with columns: Record No, Employee Name, Login Name, Job Title, Department, and End Date. Each screenshot includes a sidebar with a tree view of report categories and a top navigation bar with various icons and filters.

Access Details by User Name

Record No	Name	Login ID	Access Name	Type	Status	Initial Date	Last Date
1	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
2	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
3	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
4	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
5	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
6	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
7	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000
8	ajay1	ajay1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000

Unaccessed Accounts

Record No	Last Accessed	Login Name	Name	Initial Date	Suspended Date	To Delete Date
1	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
2	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
3	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
4	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
5	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
6	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
7	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000
8	ajay1	ajay1	ajay1	01/01/2000	01/01/2000	01/01/2000

Business Partner Employee Leaving

Record No	Employee Name	Login Name	Job Title	Department	End Date
1	ajay1	ajay1	ajay1	ajay1	01/01/2000
2	ajay1	ajay1	ajay1	ajay1	01/01/2000
3	ajay1	ajay1	ajay1	ajay1	01/01/2000
4	ajay1	ajay1	ajay1	ajay1	01/01/2000
5	ajay1	ajay1	ajay1	ajay1	01/01/2000
6	ajay1	ajay1	ajay1	ajay1	01/01/2000
7	ajay1	ajay1	ajay1	ajay1	01/01/2000
8	ajay1	ajay1	ajay1	ajay1	01/01/2000
9	ajay1	ajay1	ajay1	ajay1	01/01/2000

Enterprise Reconciliation

- Identifies orphan accounts
- Monitors manual changes

<u>enRole</u> <u>Identity Store</u>	<u>NT Domain</u>	
Jsmith	Jsmith	Match
Trex	Trex	
Jleto	Jleto	
Iglazer	Iglazer	
Lhohmann	Lhohmann	
Rrwoner	Rrwoner	"NO" Match
Skrofton	Skrofton	
Mchainie	Mchainie	
Bclinton	Bclinton	
Tjordan	Tjordan	

Identity Stores



- HR Systems
- Directory Systems
- Procurement Systems

Enterprise Resources



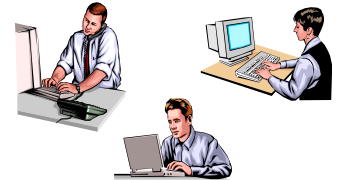
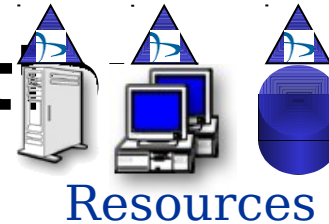
- Systems
- Applications
- Databases
- Security Systems



Enterprise Server

- **Central point of operation**

- Tracks enterprise resources
- Tracks enterprise users

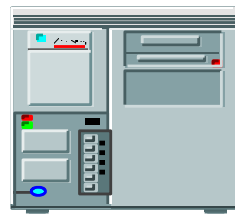


Users

- **Multiple Platform Support**



**Solaris, HP-UX, AIX
on Oracle**



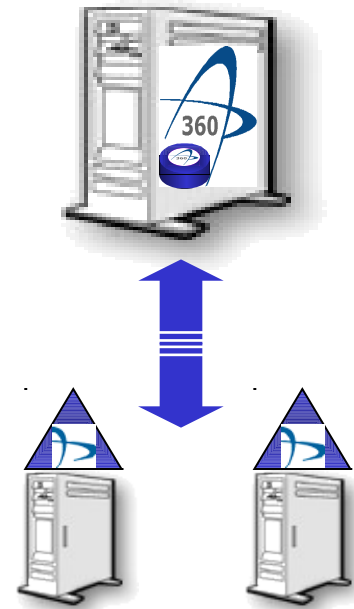
MVS/DB2

Topics To Cover

- Architecture
- Enterprise Server
- **Agents**
- Interface
- A complete flow

The Agents

- **Resource specific application**
 - Acts on behalf of the Enterprise Server
- **Virtual security administrator**
 - Add
 - Change
 - Suspend / Restore
 - Delete
 - Reconcile



The Agents

- **Enforce Corporate Policy**

- Supply data required to access a system in an organization
- Identifying approvers and routing sequence

- **Remotely configurable**

- Field administration

- **Small footprint**

- **Non-obtrusive**



Current Resource Control

Authentication & Security

- Baltimore PKI
- Cisco ACS
- Entrust
- getAccess
- Entrust PKI
- MVS RACF
- MVS ACF2
- MVS TSS
- RSA BoKs
- RSA Keon
- RSA SecureID
- Securant
- Tandem
- Safeguard & Guardian
- Tivoli
- SecureWay
- VeriSign
- VM Secure

Custom & Packaged Applications

- PeopleSoft
- SAP
- JD Edwards
- Oracle ERP
- Clarify
- Agile
- Siebel
- Ariba
- Com

Application, Web & Messaging Servers

- Notes
- Exchange
- Groupwise
- UNIX Mail

Data, Content & Identity Repositories

- Active Directory
- DB2/UDB
- iPlanet
- NDS
- Oracle OiD
- Oracle RDBMS
- Sybase
- SQL Server

Platform (Hardware/OS)

- AIX
- AS/400
- HP-UX
- Linux
- Novell
- MVS
- Solaris
- Tandem
- VM
- VMS
- Win2000
- Windows NT

Access360 Agent Factory

- Repeatable methodology and tools
- Over 50 agents available today
- 4-6 new agents/month & accelerating

Agents Road Map for CY-2001

Q1

- GetAccess
 - CiscoSecure
- ACS
- Exchange
- 2000
- Groupwise
 - Broadvision*
 - Baltimore PKI*
 - Oracle CRM
 - Commerce
- One*
- Informix*
 - CyberSafe -
 - ActiveTRUST*

Q2

- Remedy*
- Documentum*
- Passlogix V-go-SSO*
- Entegrity
- Gemplus
- SQL 2000
- Win 2000 (Multi Domain)
- NIS Plus
- Firewall-1/VPN-1
- Keon 5.0
- I2
- Baan
- Agile*
- PBX - Lucent
- eMatrix
- Defender

Q3

- eTrust
- PassGo - SSO
- Proxima - SSO
- Unisys
- Brio Portal
- SuSE Linux
- TurboLinux
- Caldera Linux
- SafeWord
- Vantive
- Vignette
- VSE/CICS -
- BimAlert
- SGI IRIX
- SCO Unix

Q4

- Sidewinder Firewall
- Onyx
- Sequent (IBM)
- DYNIX/ptx
- AFS/Kerberos
- Lawson
- Intershop
- Compaq Tru64 Unix

Our Development Methodology

- **A methodology for mass production of agents**
 - Internal technology stack that enables the Factory
- **Allows for standardized agents**
 - Naming
 - Configuration
 - Remote Management
- **Example:**
 - LDAPX – a generic LDAP agent
 - Uses XML to map to any LDAP v3 directory to meet provisioning needs
 - iPlanet and Oracle Internet Directory certified

Topics To Cover

- Architecture
- Enterprise Server
- Agents
- **Interface**
- A complete flow

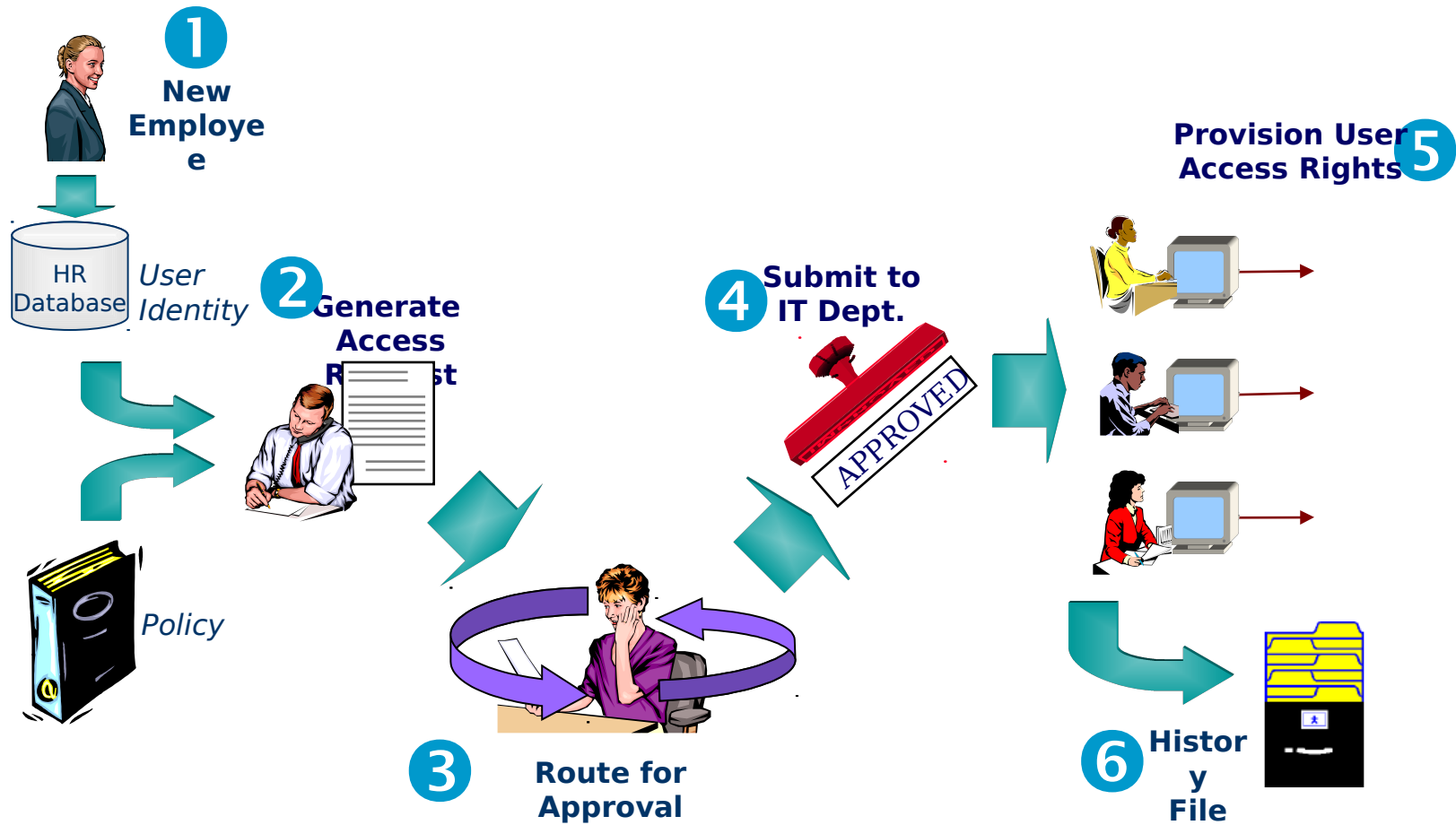
User Interface

- **Power to the Users**
- **Allows users to:**
 - Request access to a resource
 - Request access changes on behalf of other users
 - Change passwords
- **Lets Help Desk workers stop being password clerks**
 - Gartner – 40% of Help Desk call-volume are password resets!

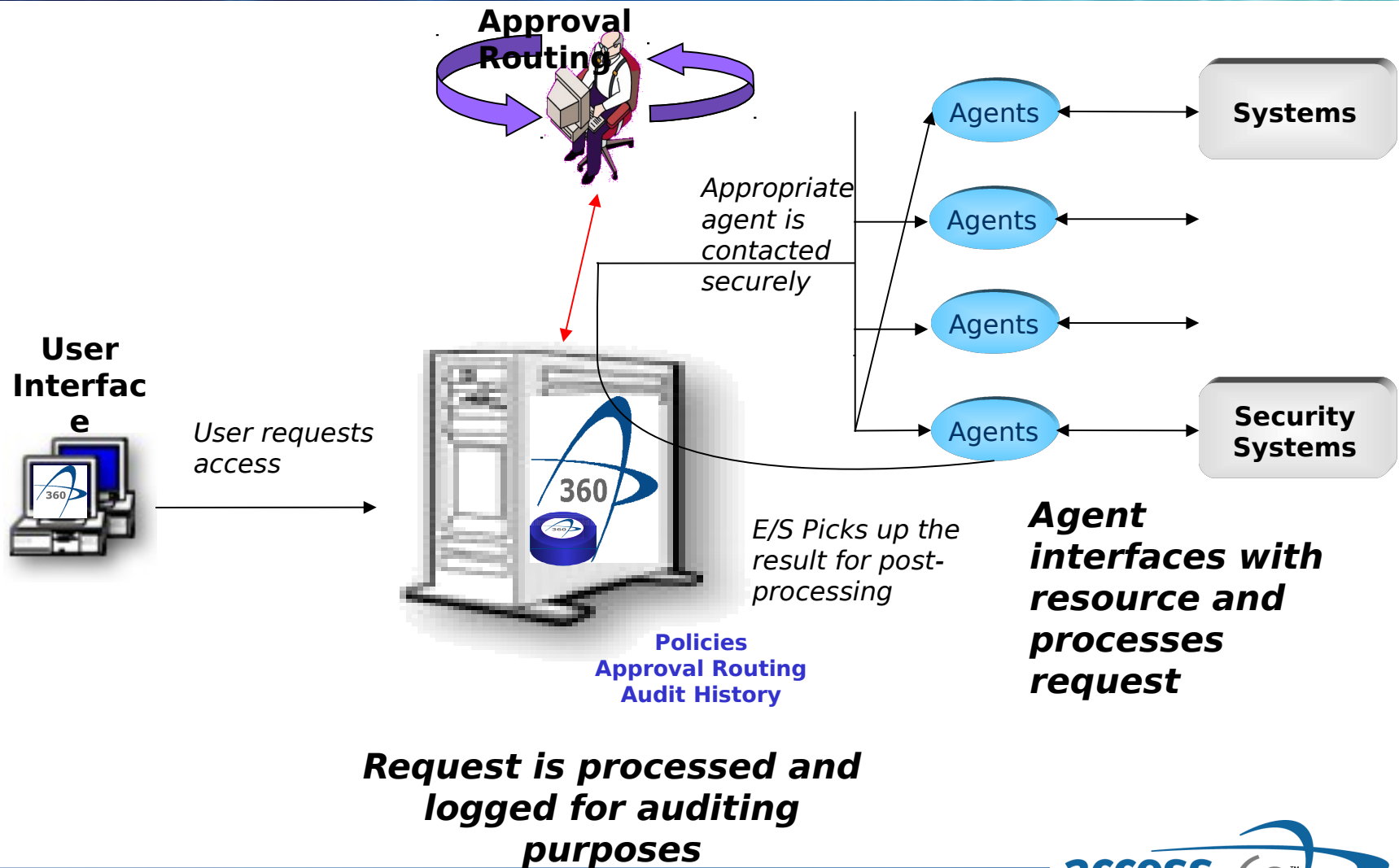
Topics To Cover

- Architecture
- Enterprise Server
- Agents
- Interface
- **A complete flow**

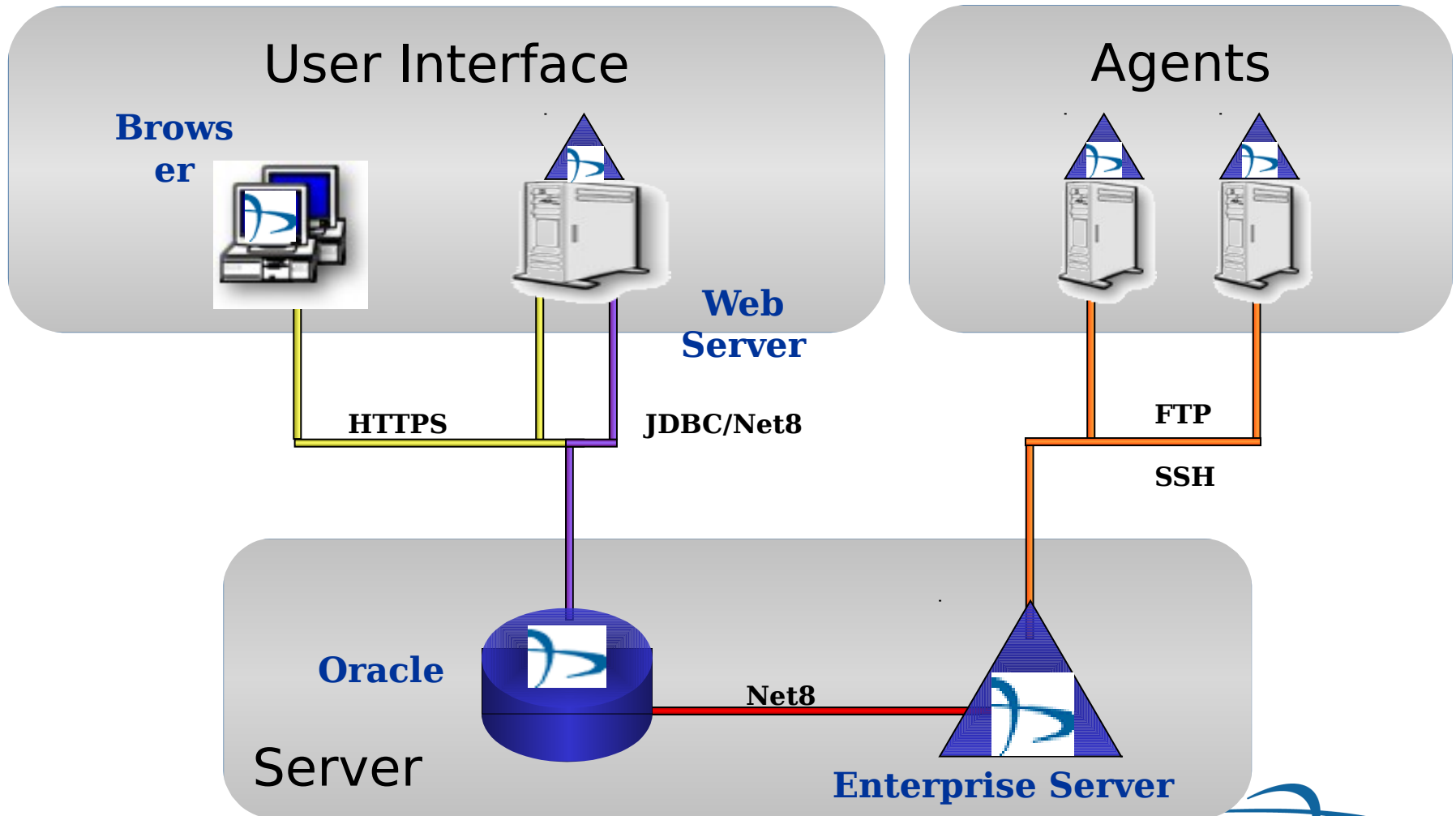
The Manual Process



Access360 Flow



enRole Interfaces





Case Studies and ROI

Achieve Rapid ROI with enRole

- **Accelerate and Enhance User Productivity**
- **Reduce Access Administration Costs**
- **Reduce Help Desk Traffic**
- **Reduce Time to Mobilize or Decommission Workforce**
- **Reduce Risk of Unauthorized Access**
- **Foundation for Single Sign On**
- **Reduce Audit Expense**

